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> **Varitle:** JP2002304977A2: SEPARATOR FOR SEALED LEAD-ACID BATTER SEALED LEAD- ACID BATTERY HAVING THE SEPARATOR BUILT-

JP Japan **P**Country:

> **8**Kind: A2 Document Laid open to Public inspection i

**PInventor: ASADA ATSUSHI**;

**P**Assignee: NIPPON SHEET GLASS CO LTD

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> **P**Application JP2001000106071

> > Number:

PIPC Code: H01M 2/16; H01M 10/12;

Priority Number: 2001-04-04 JP2001000106071

**8** Abstract:

PROBLEM TO BE SOLVED: To prevent a battery life from being shortened by lowering of the hydrophilicity by giving a high specific surface area to a separator of glass fiber, without substantially lowering mechanical strength and a tightening pressure after

injecting an electrolyte.

SOLUTION: This separator for the sealed lead-acid battery is formed mainly of glass fiber. A surface roughening treatment is applied to the fiber surface of glass fiber and/or glass fiber with a hollow structure, and which is used for at least a part of the glass fiber for the separator.

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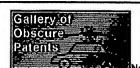
**P**Other Abstract CHEMABS 137(19)281908M CHEMABS 137(19)281908M DERABS

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